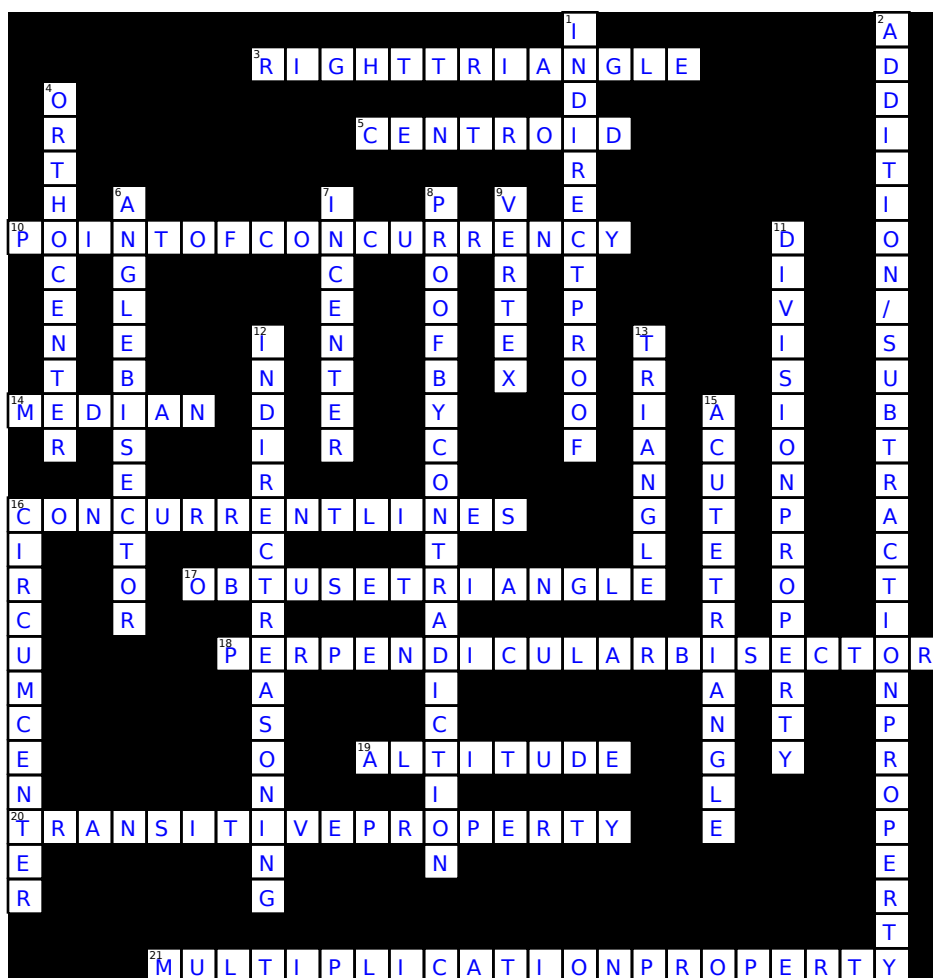


# Standard 1

## Brianna Goldman



### Across

- 3 a triangle with a right angle. (2 Words)
- 5 the point of concurrency of the medians of a triangle
- 10 the point if intersection of concurrent lines. (3 Words)
- 14 A line segment whoes endpoints are a vertwex of a trianlge and the midpoint of the side opposite the vertex.
- 16 all intersect at a single point. (2 Words)
- 17 a triangle with an obtuse angle. (2 Words)
- 18 a line,segment, or ray that passes through the midpoint of a side and is perpendicular to that side (2 Words)
- 19 a line segment from the vertex of a triangle to the line containing the opposite side and perpendicular to that side.
- 20 for all numbers A&B, if A=B then B=A (2 Words)
- 21 for all numbers A,B,&C if A=B then AxC=BxC and if c≠0 then a/c=a/b (2 Words)

### Down

- 1 in an inderect proof, one assumes that the statment to be proved is false. One then uses logical reasoning to deduse that a statment contridicts a postulate, theorem, or one of the assuptions. Once a contridition is obtained, one concludes that the statment assumed false must in fact be true. (2 Words)
- 2 for all numbers A,B,&C if A=B then A+C=B+C and A-C=B-C (2 Words)
- 4 the point of concurrency of the angle bisectors of a triangle.
- 6 A line or ray that divides an angle in half. (2 Words)
- 7 the point of concurrency of the angle bisectors of a trianlge.
- 8 an inderect proof in which one assumes that the statment to be proved is false. one then uses logical reasoning to deduce a statment that contridicts a postulate, theorem, or one of the assuptions. once a contridiction is obtained, one concludes that the statment assumed false must be in fact true. (3 Words)
- 9 A corner point of a geometric figure.
- 11 states that dividing both sides of an equation by a non-zero number doesn't affect the equation. (2 Words)
- 12 reasoning that assumes that the conclusion is false and then shows that this assuption leads to a contridiction of the hypothesis or some other accepted fact, like a postulate, theorem, or collorary. then, since the assuption has been proved false, the conclusion must be true. (2 Words)
- 13 a plane figure with three straight sides and three angles
- 15 a triangle whose interior angles are all acute. (2 Words)
- 16 the point of concurrency of the perpendicular bisectors of a triangle.